

**CEMENTING PLUG SYSTEMS AND METHODS FOR USING PLUGS IN
SUBTERRANEAN FORMATIONS**

ABSTRACT

The present invention provides plugs, plug systems and methods for using these plugs and systems in subterranean wells. An example of a system of the present invention is a plug system for separating fluids successively introduced into a passage comprising: an assembly comprising a plurality of plugs, wherein at least one plug comprises an outer body and a detachable inner mandrel attached to the outer body; and wherein the plurality of plugs are releasably attached to each other.